

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

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1. (currently amended) ~~Process for the compensation of losses of a signal (S) along a transmission path between at least one sending point (6) and one receiving point (4) in a room (1), comprising: determining the transmission path of the signal (S), ascertaining on the basis of the transmission path at least one parameter of an associated transmission function, and controlling the signal level for a given position (P1 through P4) along the transmission path using the ascertained parameter.~~ A process for the compensation of losses in an acoustic signal in a room comprising multiple positions (P1, P2, P3, P4), wherein each position comprises at least one sending point (6) and at least one receiving point (4), and wherein the losses occur between a sending point (6) of a first position and a receiving point (4) of a second position, the process comprising:

transmitting an acoustic signal (S) from the sending point (6) of the first position to the receiving point (4) of the second position via an electrical path,

providing a first electro-acoustic means (M1, M2, M3, M4) for receiving the acoustic signal (S) in the vicinity of the sending point (6) of the first position,

providing a second electro-acoustic means (L1, L2, L3, L4) for reproducing the acoustic signal (S) in the vicinity of the receiving point (4) of the second position,


determining a parameter of the acoustic path between the sending point (6) of the first position and the receiving point (4) of the second position that is capable of being used to compensate losses due to echoes, feedback or ambient noise, and


generating a compensating acoustic signal via the second electro-acoustic means (L1, L2, L3, L4) using the parameter, whereby the losses in the acoustic signal are compensated.

2. (cancelled)
3. (previously presented) Process according to claim 1, wherein the attenuation of the signal (S) between the sending point (6) and the receiving point (4) is determined as the parameter.
4. (original) Process according to claim 3, wherein upon exceeding a maximum value of attenuation, the signal level for a given position (P1 through P4) is amplified.

5. (original) Process according to claim 3, wherein upon undershooting a minimal value of attenuation, the signal level for the given position (P1 through P4) is attenuated.
6. (previously presented) Process according to claim 1, wherein the propagation time of the signal (S) along the acoustical path (A1 through A2) between the sending point (6) and receiving point (4) is determined as the parameter.
7. (original) Process according to claim 6, wherein the signal (S) is delayed along the electrical path in dependence upon the propagation time of the signal (S).
8. (previously presented) Process according to claim 1, wherein acoustical or electrical echoes between the sending point (6) and the receiving point (4) are determined as the parameter.
9. (previously presented) Process according to claim 1, wherein an interference signal between the sending point (6) and the receiving point (4) is determined as the parameter.
10. (previously presented) Process according to claim 1, wherein the values of the parameter or of each parameter

for at least one given transmission path is stored and used to control the signal level.

11. (original) Process according to claim 10, wherein the values of the parameter or of each parameter is stored in the form of an attenuation matrix.
-  12. (previously presented) Device for the compensation of losses of a signal (S) along a transmission path between at least one sending point (6) and at least one receiving point (4) in a room, comprising: a controller (14) for the determination of the transmission path as well as for the detection of at least one parameter of an associated transmission function, at least one level meter (W1 through W2) arranged in combination with at least one echo canceller (K1 through K2) between the sending point (6) and the receiving point (4) and connected to said controller for the control of the signal level at a given position (P1 through P4) along the transmission path.
13. (original) Device according to claim 12, wherein an attenuation element (10) is provided between the sending point (6) and the receiving point (4).
14. (previously presented) Device according to claim 12, wherein a delay element (12) is provided between the sending point (6) and the receiving point (4).

15. (previously presented) Device according to claim 12, wherein the echo canceller (K1 through K2) is a digital filter, particularly an FIR-filter.
16. (previously presented) Device according to claim 12, wherein at least one microphone (M1 through M4) serves as a sender at the sending point (6).
-  17. (previously presented) Device according to claim 12, wherein at least one loudspeaker (L1 through L4) serves as a receiver at the receiving point (4).
18. (cancelled)
19. (previously presented) A vehicle having a passenger space defined therein, said vehicle provided with a device for compensation of losses of a signal (S) along a transmission path between at least one sending point (6) and at least one receiving point (4) in said passenger space, said device comprising:
- a controller (14) for determining the transmission path as well as for detecting at least one parameter of an associated transmission function,
- at least one level meter (W1 through W2) arranged in combination with at least one echo canceller (K1 through

K2) between the sending point (6) and the receiving point (4) and connected to said controller for the control of the signal level at a given position (P1 through P4) along the transmission path.

20. (new) A process for the compensation of losses of a signal (S) along a transmission path between at least one sending point (6) and one receiving point (4) in a room (1), comprising: determining the transmission path of the signal (S), ascertaining on the basis of the transmission path at least one parameter of an associated transmission function, and controlling the signal level for a given position (P1 through P4) along the transmission path using the ascertained parameter, wherein the parameter is selected from the group consisting of: attenuation of the signal (S); the propagation time of the signal (S); an acoustical or electrical echo; and an interference signal.
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